

the aid of the umbrella-shaped stop 15 that comes in elastic contact with the upper side of the support part.

Claims

1. A fixing element for fixing a component on a support part, wherein said fixing element comprises a retaining part for the component to be fixed, a hollow anchor foot for anchoring the fixing element in a continuous bore of the support part, and a sprung stop that is arranged between the retaining part and the anchor foot, wherein the wall of the anchor foot contains two opposing openings, wherein two sprung arms that are spread apart in the direction of the retaining part respectively originate at the lower edges of said openings, wherein the ends of the sprung arms have faces that adjoin the underside of the fixing element after it is inserted into the bore of a support part, and wherein the faces of two diagonally opposing sprung arm pairs lie in two different horizontal planes, characterized by the fact that the short sprung arms (5) as well as the long sprung arms (6) radially widen in the direction of the retaining part (1), from the lower edge of the respective opening (4) to an outer edge (11) of the short sprung arms (5) and an outer edge (12) of the long sprung arms (6), and are then radially recessed up to their respective face (7, 8) in the form of several steps such that several horizontal step surfaces (9, 10) are formed in different planes and several vertical contact surfaces (13,14) are formed at different radial distances from the center axis (M) of the fixing element on each sprung arm (5,6), wherein the faces (7,8) and the individual horizontal step surfaces (9,10) of one sprung arm pair (5,6) lie in the same respective planes and its individual vertical contact surfaces (13,14) lie at the same respective radial distances from the center axis (M), but in different planes and at different radial distances from the center axis (M) relative to the other sprung arm pair (6,5).

2. The fixing element according to Claim 1, characterized by the fact that the longest radial distance (R1) between an outer edge (11,12) of one sprung arm (5,6) and the center axis (M) of the fixing element is longer than half the diameter (D1/2) of the largest bore in the support part by such an amount that the anchor foot (2) cannot be disengaged if the fixing element is laterally loaded, and by the fact that the shortest possible radial distance (R2) between the base of the sprung arms (5,6) and the center axis (M) is slightly less than half the diameter (D2/2) of the smallest bore in the support part.

3. The fixing element according to Claim 1, characterized by the fact that the steps on the short sprung arms (5) and the steps on the long sprung arms (6) are preferably offset relative to one another in such a way that the faces (8) or horizontal step surfaces (10) of the long sprung arms (6) and the faces (7) or horizontal step surfaces (9) of the short sprung arms (5) are alternately brought into contact with the underside of the support part as its material thickness

thereof increases and the vertical contact surfaces (13) of the short sprung arms (5) and the vertical contact surfaces (14) of the long sprung arms (6) accordingly are alternately brought in contact with the circumferential surface of the bore as the diameter thereof increases (D2 to D1).

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